

FLYKILL

GRANULAR BAIT

MATERIAL SAFETY DATA SHEET

1. Product: Flykill (Granular bait)

2. Hong Kong Registration Number: 1P134 (GB).

3. Manufacturer

Hebei Anlin Pharmacy Co. Ltd
No.2 Bei-cang Road,
High-New Technologic Development District,
Handan, Hebei, China

4. Emergency Contact
310-8067016

5. Composition/Information on Ingredients

Chemical characteristic

Formulation type Bait (ready for use)

Use Insecticide

Active Ingredient(s) 1 %w/w azamethiphos CGA18809

Hazardous Component(s)

CAS	Product Denomination	%	Hazard Symbol	Risk Phrases
35575-96-3	azamethiphos	1	N-Xn	22-43-50

6. Hazards Identification

Health Hazards: Slight

Environmental hazard in case of accident

(Spillage/Leakage):

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

7. Fire Fighting Measures

Combustibility: Yes

Extinguishing media

Suitable Extinguishing Media: Dry chemical extinguisher, foam, carbon dioxide or water spray (do not use direct jet of water).

Fire fighting

Special Hazards during Fire fighting: Combustion products are toxic and/or irritant. Measures have to be taken to prevent the contaminated extinguishing agent from seeping into the ground or from spreading uncontrollably.

Protective Equipment for Fire fighting:

Use respiration to protect from fumes.

8. Accidental Release Measures

Environmental Protection Measures following Accidents:

Do not contaminate waters and sewers. Collect product in containers for safe disposal. Dampen solid material carefully to prevent it being blown away. Collect material in specially marked, tightly closing containers. Spilled product cannot be used further and must be disposed of, If safe disposal is not possible, contact the manufacture, the dealer or the local representative.

9. Physical and Chemical Properties

Form : granules
Color : red yellow
Physical State : solid
Ignition Class of Dust :
Ignition Temperature : 330°C (BAM)
Relative Self-Ignition Temperature : not detected
Burning Index : 3 (20°C)
3(100°C)

Explosive Properties

Shock Sensitivity Test : no detonation
Thermal Stability : no exothermic reaction
Exothermic reaction at 220°C (Lutolf, isoperibol)
Exothermic reaction : no exothermic reaction up to 135°C (Test in a Grewer oven; 1 degr./min)

Flammability of Gas (220°C)

Flammability of Gas : not inflammable up to 250°C
Extinguish ability with CO2 : Yes
Volume of Gas : 20 l/kg 220°C
Bulk Density : 0.80-0.90 g/cm3
Solubility in water :
Assessment : not soluble
pH value : 4.0-7.0 (1% in deionised water)
IA-105

10. First Aid Measures

First Aid Measures

General : Remove the affected person from the danger zone to a well-ventilated room or to fresh air, and protect from under cooling. IN CASE OF SUSPECTED POISONING: Immediately call a physician.

Eye : Rinse eyes with clean water for several minutes and immediately call a physician.

Ingestion : Repeatedly administer medicinal charcoal in a large quantity of water. NOTE: Never give anything by mouth to an unconscious person. Do not induce vomiting.

Skin : Remove contaminated clothing and thoroughly wash the affected parts of the body with soap and water.

Medical Instructions

Antidote : Cholinesterase inhibitor! Antidote under medical supervision.

General : : Inject 2 to 4 mg atropine sulphate (for children 0.5 to 2 mg according to age) i.v. or i.m. every 5 to 10 minutes until signs of atropinization occur. The patient must remain atropinised for a sufficient length of time (24 to 48 hours) to prevent subsequent poisoning due to delayed resorption. Experiences Special to Man; MILD TO SEVERE POISONING; Respiratory distress Eye pains, Unconsciousness, Vomiting, Heart complaints, Colic, Headache, Convulsions, Muscular twitching, Nervousness, Pinpoint pupils (miosis). Difficulty in swallowing. Feeling of weakness. Profuse sweating, Sweating, Speech disorders (slurred speech). Hyper salivation. Indisposition.

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11. Handling and Storage

Handling information

General: Avoid Contact with skin, eyes and clothing. Avoid inhalation of dust. Do not eat, drink or smoke while working. In addition to the measures taken usually in the chemical works like dustproof filling and measuring equipment (including dust extraction), further personal protection measures may have to be implemented to avoid possible contact with the product.

Storage information

Special instructions for Storage: Store the product in closed original containers. Protect from light and humidity. Storage Compatibility with order Products: Store separately from feed, food and stimulants.

Storage temperature

Max. Storage temperature: 35°C

12. Exposure Controls/Personal Protection

Personal protective equipment

In General	: Change working clothes daily.
Breathing Protection	: In case of heavy exposure, Wear: Dust mask.
Eye Protection	: Goggles of face-shield.
Hand Protection	: Gloves.
Body Protection	: Heavy duty cotton or synthetic fabric working clothes (e.g. overalls). Heavy duty shoes or boots.

Precautionary measures after work: Wash thoroughly (shower, bathe, and wash hair), Change clothing. Thoroughly clean protective gear. Thoroughly clean contaminated equipment with soap or soda solution.

13. Toxicological Information

Acute oral Toxicity (rat)		OECD 401
LD50:	>5000 mg/kg	
Acute Dermal Toxicity (rat)		OECD 402
LD50:	>4000 mg/kg	
Acute Dermal Toxicity		OECD 403
LD50:	>5000 mg/ m ³ (rat; 4h)	
Acute Skin Irritation:	non irritant (rabbit)	OECD 404
Acute Eye Irritation:	non irritant (rabbit)	OECD 405

14. Ecological Information

Environmental hazard in case of accident (Spillage/Leakage): Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

15. Stability and Reactivity

Chemical Stability

Assessment: Stable under standard conditions.

Sensitivity

Sensitivity to humidity: highly sensitive humidity.

Corrosiveness

Corrosiveness/Appropriate Material: not corrosive.

16. Disposal Considerations

Product Disposal: Pay attention to protective clothing and measures. Dampen solid material carefully to prevent it being blown away. Collect material in specially marked, tightly closing containers and dispose of in an incinerator approved for chemicals.

Clean dirty areas with carbonated or soapy water. Put washing water in containers too, to avoid any contamination of surface and ground water, water supplies and drains. Hose down the area for a prolonged period. Heavily contaminated soil layers have to be dug out down to clean soil. Spilled product cannot be used further and must be disposed of, If safe disposal is not possible, contact the manufacture, the dealer or the local representative.

Container Dispose: Dispose of empty Containers in an incinerator approved for chemicals. Damaged Containers: Place original containers in specially marked larger ones. Check possibilities of recycling large empty containers, drums and barrels.

17. Transport Information

Special Information: Use unbreakable containers, make sure they cannot fall, and label in accordance with regulations.

Rail/Road (RID/ADR)

Not classified as dangerous good

Sea (IMDG-Code)

Not classified as dangerous good

Air (ICAO/IATA)

Not classified as dangerous good

18. Regulatory Information

EU-Classification

Labeling Requirement	Not required
Type of Classification	Self-Classification

International WHO Toxicity Classification	III Slightly hazardous
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19. Other Information

The information contained herein is based on the present state of our knowledge as is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.